



Reply To: 3460

Date: November 13, 1992

Mr. Mike Fowles  
U.S. Army Corps of Engineers  
Pittsburgh District  
Loyalhanna Lake  
RD #2  
Saltsburg, PA 15681-9302

Dear Mike:

On October 27, 1992, USDA Forest Service personnel conducted a gypsy moth egg mass survey at Shenango River Lake. This U.S. Army Corp project is planning treat three areas with an aerial application of Bacillus thuringiensis (B.t.) in 1993.

The results of the survey are presented in Table 1. The survey plot locations and the proposed treatment areas are shown in Figures 1-3. In brief, egg mass densities averaged 800, 180 and 400 egg masses per acre, respectively, in proposed spray blocks F1, F2 and F3. The populations are sufficient to cause noticeable defoliation (31-100 percent) in F1 and F3. We concur with the need for treatment in these two spray blocks. No noticeable defoliation is anticipated in F2 so our recommendation is not to treat this proposed spray block.

Please extend our thanks to all of the Corps personnel that conducted the preliminary egg mass survey work at 15 Corps projects in the Pittsburgh District. This saved us several days of work. We look forward to your continued cooperation. If you have any questions or need further information, please call me at 304-285-1541.

Sincerely,

RODNEY L. WHITEMAN  
Forestry Technician  
Forest Health Protection

Enclosures

cc: AO  
Larry Rhoads  
Shenango River Lake

RLW/ct



Table 1. -- Gypsy Moth Egg Mass Survey Results in the  
Proposed Treatment Blocks at Shenango River Lake,  
October 27, 1992.

Plot Number	Number EM/Acre	Proposed Treatment Block
1	880	F1
2	720	F1
3	80	F2
4	280	F2
5	400	F3

Figure 1. -- Gypsy moth egg mass survey plot locations  
at Shenango River Lake, October 27, 1992.

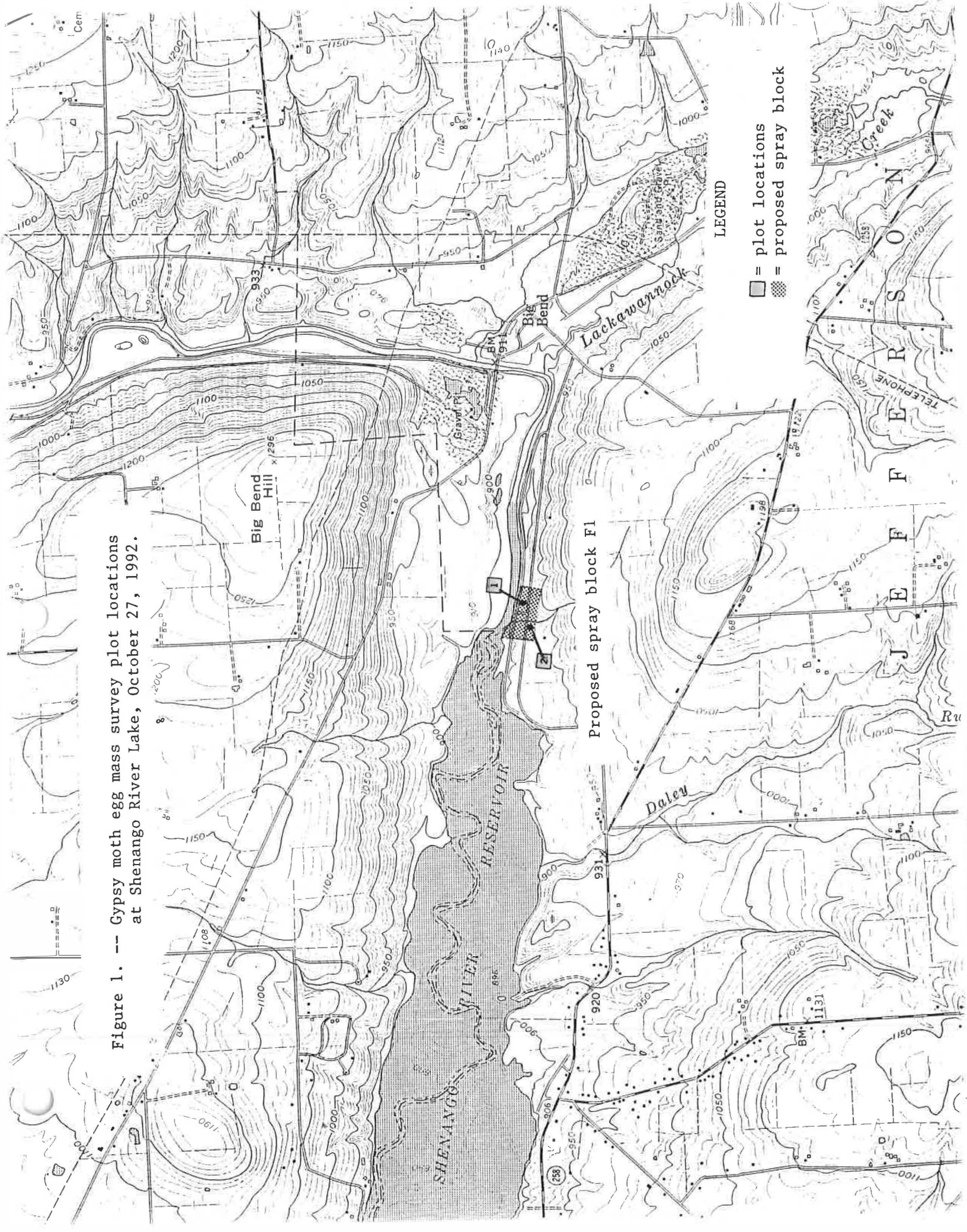


Figure 2. -- Gypsy moth egg mass survey plot locations at Shenango River Lake, October 27, 1992.

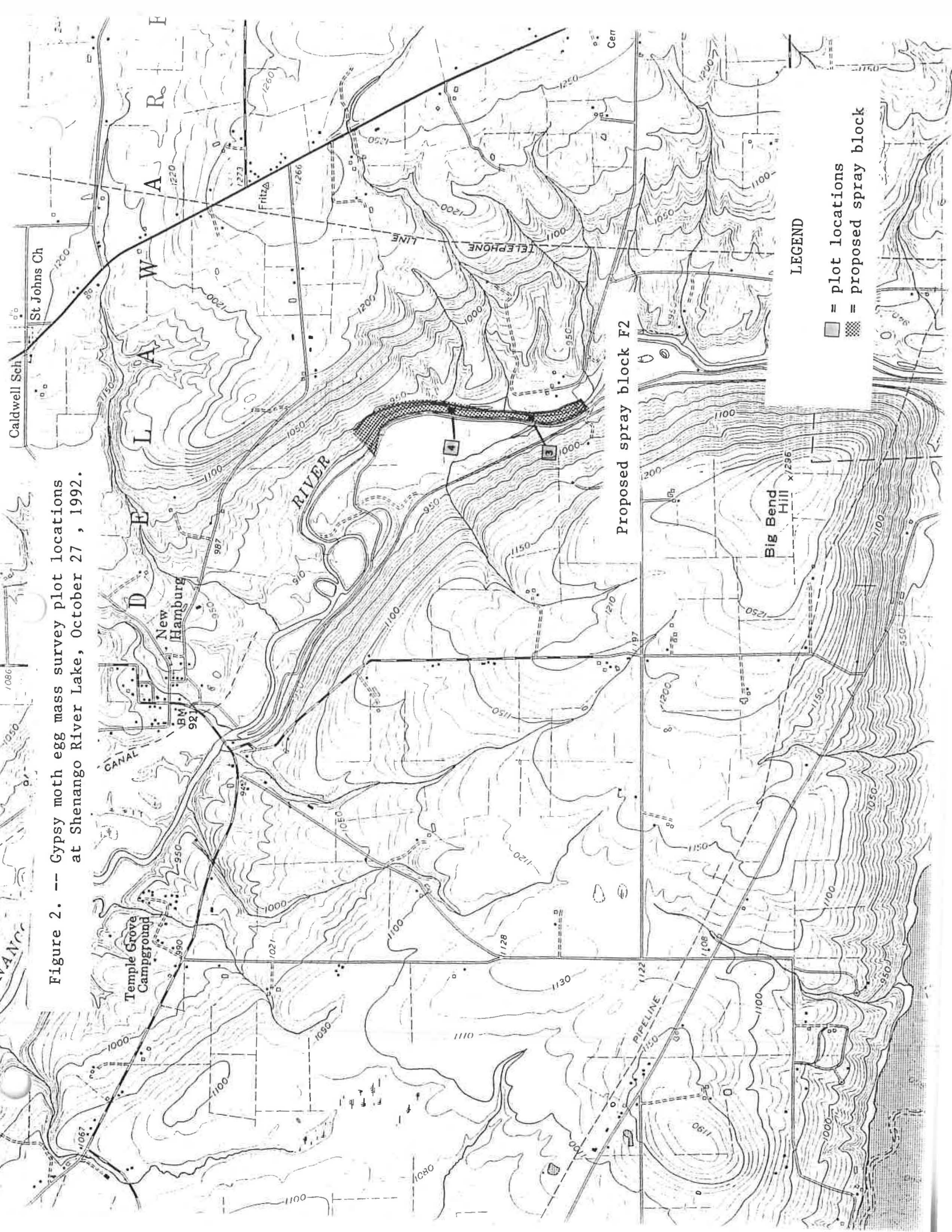




Figure 3. -- Gypsy moth egg mass survey plot locations at Shenango River Lake, October 27, 1992.

